

S/503/62/013/000/002/003
A001/A101

AUTHORS: Karimov, M. O., Antushevich, M. I., Berlikenova, K. M., Dosybayev, S. K., Zubtsov, A. S.

TITLE: Photometry of solar flares according to observations of the coronal station near Alma-Ata during 1960 - 1961

SOURCE: Akademiya nauk Kazakhskoy SSR. Astrofizicheskiy institut. Izvestiya. v. 15, 1962, 77 - 110

TEXT: The present article is a continuation of the study of the same authors published in 1962 in the v. 14 of the same source. Film frames were taken in intervals of 30 sec, sometimes 15 sec and one minute. Prior to photometrical processing all frames of the flares were preliminarily examined, and flares were selected which had characteristic peculiarities in some features. During two years 63 flare photographs were selected, carefully processed and the data are tabulated. For individual, most pronounced knots are plotted curves of flare development. The graphs in the article contain information on intensity of individual knots, expressed in terms of intensity of undisturbed places of

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Photometry of solar flares according to...

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the solar disk, versus time of flare development and changes in the area of flares. Both quantities, ratios of intensities and areas are plotted on ordinates, the first on the left-hand side and the second on the right-hand side; abscissa serves as time coordinate for both quantities. The upper right-hand corner of figures contains a sketch of the flare with all its details, sunspots, flocculi, foci of flares, etc. The photometric study of the flares shows that their existence strongly depends on the center of activity. They have a special relation to sunspots and flocculi fields. Curves of variations of brightness and area have a series of characteristic features where this relation is close. There are 62 figures and 1 table.

Card 2/2

Antushevich, Ye. K.

Fred'ko, O. M. and Antushevich, Ye. K. "On the problem of optical symptoms in military skull trauma", in the collection: Nevrologiya voyen. vremeni, Vol. 1, Moscow, 1949, p. 84-90.

SO: U-411, 17 July 1953, (Letopis 'Zhurnal 'nykh Statey, no. 20, 1949)

ANTYCHOWICZ, A.

"ed. Poradnik weterynaryjny. Wyd. 2. (Warszawa) Państwowe Wydawn. Rolnicze i Lesne (1956) 399 p. (Veterinary handbook. 2d ed.)."

DA

Not in DLC

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

ANTYKOV, A.P.

Dextrin-type product from wood hemicellulose. Patent U.S.S.R. 78,463, Dec.
31, 1949.
(CA 47 no.19:10227 '53)

ANTYKOV, A.P.

CA

23

Method for removing sulfur from the precipitating bath
in the viscous process A. P. Antykov... *Zhur. Priklad.*
Khim. 24, 610-612 (1951) Finely dispersed S in the bath is
exld. by stirring rapidly with 1-2% CCl₄ (on the wt. of
the bath). Loss of CCl₄ is minimized by cooling coils in
the bath. I. P. Danely

GERM.

V. Determination of textile fibers. A. P. Antskov. *Faba* 26, 11-19 (1951); *Chem. Zvesti.* 1952, 155-6. The following methods for the sepn. of fibers are explained individually. Wool from cotton by treatment with NaOH or by acid carbonization; cotton from artificial silk or rayon fiber produced from regenerated cellulose (I) by treatment with a mixt. of 80 parts HCO_2H and 20 parts ZnCl_2 at 40° ; wool from I by one of the above processes; cotton from silk by treatment with NaOH or with a CuSO_4 -glycerol-NaOH mixt. (mixt. A); wool from silk as above or by carbonization or as in the sepn. of I; silk from I with mixt. A; acetate silks from others by treatment with acetic acid HClO_4 , or mixt. A; cashmere fiber from wool by treatment with paper and HCl or trypsin; and bast fiber from I by boiling 10 min. with 1% Na_2CO_3 . Bast fiber and cotton are sepd. by dyeing with Neocarmine B and subsequent mech. sepn. or counting of the fibers embedded in a 1- μ m. section of paraffin under the microscope. Wool, cotton, and I can be sepd. from each other by soln. of I with soln. A and then colorizing. The sepn. of other 3-component mixts. is complicated.
M. G. Moser.

MT

USSR/Chemistry - Corrosion

Jan 52

"Anticorrosion Properties of Aluminohemicellulose,"
A. P. Antykov

"Zhur Prikl Khim" Vol XXVI, No 1, pp 39-45

Tested corrosion inhibiting action of aluminohemicellulose (I - reaction product of cellulose plus H_2O aluminate) on roofing iron. Found that inhibiting action is high when 0.2-0.95% of I is dissolved in dil H_2SO_4 , and that I is superior to known H_2SO_4 inhibitors, but has less inhibiting effect with respect to 85% H_3PO_4 and no effect in respect to HCl or HNO_3 . Acid-resistant paint contg

206740

USSR/Chemistry - Corrosion (Contd)

Jan 52

2-5% pure I protects surfaces well against corrosion by O_2 in air. Possible raw materials for production of I are "black alkalis," contg 1.8-4% hemicellulose, which are tailings of viscose industry.

ANTYKOV, A. P.

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"APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000101820006-3

ALANVAU AP

APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000101820006-3"

ANTYKOV, A.P.

Use of cellulose carboxydextrins in soap manufacture. Zhur.prikl.khim. 26
no.8:848-853 Ag '53. (MIRA 6:8)
(CA 47 no.22:12845 '53) (Soap) (Dextrin)

Antykov, H. P.

New copolymer drying oil. A. P. Antykov, Zhur.
Prilad. Khim. 28, 1215 (1955). A drying oil compo-
was prepd. from the dicyclopentadiene fraction from by-
products of purification of aromatic compds. This fraction
b. 65-173° for some specimens and 41-172° for others ob-
viously contained higher condensation products and other
hydrocarbons; its I no. ranged from 127 to 372. This sub-
stance was formulated with equal wts. of natural drying
oils (from linseed, sunflower, and other similar sources),
and in the presence of 0.03-0.05% PbO_2 , BaO , or HfO_2 .
The product can be recommended for outdoor uses.
G. M. Kosolapoff

2 may

2

MA

ANTYKOV, A.P.

A method of obtaining hydrophobic, oil-, and air-resistant silicon
organic drying oil. Zhur. prikl. khim. 30 no.11:1641-1647 N '57.
(Drying oils) (MIRA 11:2)

25073
S/080/60/033/010/027/029
D216/D306

15 8080

AUTHOR: Antykov, A.P.

TITLE: A method for producing the new "Ekra" resin

PERIODICAL: Zhurnal prikladnoy khimii, v. 33, no. 10, 1960, 2171

TEXT: The present work describes a production method for new "Ekra" resin. In a 2.5 l capacity pyrex flask 600 ml. of distilled water and 298 gms. of 100 % amm. thiocyanate (or 317 gms. of sodium thiocyanate) were placed and after stirring for 5-7 minutes at a rate of 20 - 30 rev/min. 450 gm. of 100 pct. ε-caprolactone were added. To the resulting solution 153 gm. of 100 % zinc chloride were added over 10-15 min. during this time the temperature of the mixture rose by 30-45°C which is in agreement with the exothermic heat of solution of zinc chloride. To the resulting colorless solution, after 2-3 min. 130 ml. of hydrochloric acid sp. gr. 1.19 gm/cm³ were added. 10 min. after the addition of HCl the contents of the flask were transferred to a 2 l separating funnel. After 10-15

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A method for producing ...

min. of settling the lower layer was separated from the mother liquor containing the excess of HCl, zinc chloride, and a quantity of unreacted amm. thiocyanate and e-caprolactone. The total volume of the mother liquor was 630 mls. with sp. gr. 1.08-1.13 gm/cm³, with acidity (based on HCl) of 18-23 g/l. It contained 12 g/l of zinc chloride, about 36 g/l of e-caprolactone, up to 25 g/l of amm. thiocyanate and about 320 g/l of amm. chloride (a side-product of the reaction). The amm. chloride from the mother liquor is removed from the cycle by periodical crystallization (0-5°C) and filtration. The filtered mother liquor is diluted with water (up to 30 pct. of initial volume) and then re-used for further syntheses. The yield of resin consisted of 765.4 gm. or 85.0 % on the wt. of main components (after removal of water and HCl). The obtained resin appears as a viscous, transparent, colorless liquid (viscosity at 18-22°C on GBI-4, 68-80 sec) giving an acid reaction (about 2.6 pct. excess HCl). The resin was named 'Ekra' (on the basis of the initial materials: e-caprolactone - amm. thiocyanate). 'Ekra' has a sp.gr. at 20°C of 1.273-1.280 gm/cm³. On heating, the resin

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becomes mobile, beginning to boil at 130°C (0.5-2 % of volatile components). At 180-220°C it darkens and thickens with partial decomposition. The product of thickening appears after cooling as a hard dark-brown pitch. The "Ekra" resin is soluble in ethyl and methyl alcohols (20°C), and is slightly soluble in dichloroethane, tetrachloroethane and chlorobenzene. The resin could be neutralized with 2-5 % aqueous solution of sodium bicarbonate or zinc oxide. The "Ekra" resin, obtained as described above could be used for (1) synthesis of polyurethane-epoxide resin rubber; (2) in the lacquer industry; (3) production of adhesives; (4) in production of plastics; (5) textiles, and other materials. Because of the rapidity of the process the "Ekra" resin can be produced continuously, using easily obtained materials such as waste in the production of ϵ -caprolactone in the form of weak aqueous solutions of the latter (40 - 100 g/l) and wastes from coke production of ammonia and sodium solutions (50 - 500 g/l), the gaseous waste of coke production containing thiocyanate groups could also be used. The prolonged storage of "Ekra" resin (3-6 months or more) resulted in an increase

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D216/D506

A method for producing ...

of density. The viscosity also increased from 68-80 to over 3000-6000 sec. Heating the neutral resin with styrol and natural linseed oil (69 gm. resin + 10.4 gm. styrol + 80 gm. linseed oil) at 100-110°C for 30 minutes results in the formation of a viscous, transparent and amber-colored polymeric resin. This resin is soluble in white spirit, natural oils and forms non-porous protective films on drying (at 100-130°C). There are 1 table and 3 Soviet-bloc references .

SUBMITTED: December 25, 1959

15.9200 1372, 1436, 1474
15.8110 1209, 1407,

22529

S/080/61/034/001/019/020
A057/A129

AUTHOR: Antykov, A.P.

TITLE: Synthesis of Polythiocyanate-Epoxy Rubber and Polythiocyanate-Epoxy Resin

PERIODICAL: Zhurnal Prikladnoy Khimii, 1961, Vol. 34, No. 1, pp. 227-229

TEXT: Preparations of poly-thiocyanate epoxy rubber and poly-thiocyanate epoxy resin are described. The rubber and the resin can be co-polymerized at 40-50°C (on rolls) with butadiene-styrene rubber [CKC-30 (SKS-30) type] or acryl-nitrile rubber [CKH-40 (SKN-40) type] forming after normal vulcanization resins with a 25-30% higher tensile strength (if 10% poly-thiocyanate epoxy resin was added to the copolymer), higher hardness, little solubility in organic solvents, high frost-resistance, elasticity and weatherproof properties. In previous works the present author observed that the viscous, liquid "ekra" resin (Ref.1: Claim No.700657; Ref.2: Claim No.700658) reacts with the low-melting (softening temperature 35-55°C) ЭД-6 (ED-6) epoxy resin forming a rubberlike copolymer with specific properties. The "ekra" Card 1/5

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Synthesis of Polythiocyanate-Epoxy Rubber and Polythiocyanate-Epoxy Resin

resin is obtained from the following mixture: 600 ml H₂O + 450 g ε-caprolactam + 304 g ammonium thiocyanate + 153 g ZnCl₂ + 130 ml HCl (specific gravity 1.19 g/cm³). The resin is formed on adding HCl. The poly-thiocyanate epoxy rubber is synthesized by heating 689 g of the obtained viscous liquid "ekra" resin to 70-75°C and adding melted ED-6 epoxy resin agitating the mixture and heating after addition of the epoxy resin for 10-15 min to 108-110°C. Then the exothermic copolymerization starts and temperature increases to 125-130°C. The synthesis ends after 15-18 min, and 973 g of the rubber-like, colorless (or faintly yellow) copolymer is obtained. Copolymerization of 78 g ED-6 resin and 22 g of "ekra" resin yields after 10 min of heating to 100-105°C a solid, nearly colorless resin, softening at 40-65°C. Mixing 10% of "ekra" resin with 90% of ED-6 resin and heating for 20 min to 110°C produces a solid resin softening at 35-55°C. Both resins copolymerize with natural drying oils (in proportions of 1:1 or 2:1) in 15-20 min at 110-120°C giving film-forming resins soluble in benzene, toluene or xylene. The obtained coatings have good properties. By rolling natural rubber with polythiocyanate epoxy rubber (in proportion 1:1) at 90-110°C for 15-30 min an eb-Card 2/5

S/080/61/034/001/019/020
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Synthesis of Polythiocyanate-Epoxy Rubber and Polythiocyanate-Epoxy Resin

onitelike material with a softening temperature of 60°-80°C is obtained. Poly-thiocyanate epoxy rubber, washed with hot water copolymerizes well with butadiene-styrene rubber (SKS-30 type) or acryl-nitrile rubber (SKN-40 type) giving a tough copolymer not soluble in gasoline or benzene. A rubber with high mechanical and chemical properties can be obtained by copolymerization of 10-30% (or more) SKS-30 rubber on rolls at 40°-50°C with poly-thiocyanate epoxy rubber and vulcanizing the product at 145°-150°C. Copolymerization of a mixture containing 78% of ED-6 epoxy resin and 22% of "ekra" resin (neutralized with NaHCO₃) called "press" resin gives with SKS-30 rubber copolymers with good properties (see table). Elemental analysis of the carefully washed (with water and ethanol) poly-thiocyanate epoxy rubber showed the following results (in %): C 47.95-48.15, H 5.53-5.69, N 8.22-8.58, S 9.44-9.60, Cl 10.30-10.58, Zn 6.14-6.33. The molecular weight is 63,100. There is 1 table and 6 references: 3 Soviet-bloc and 3 non-Soviet-bloc. The references to the English-language publications read as follows: H. Lee, K. Neville. Epoxy resins, their application and technology, New York, Toronto, London (1957); E.S. Narracott, Brit. Plast., 26,287,120 (1953).

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S/080/61/034/001/09/020
A057/A129

Synthesis of Polythiocyanate-Epoxy Rubber and Polythiocyanate-Epoxy Resin

SUBMITTED: December 21, 1959

Table: Results of tests of poly-thiocyanate epoxy rubber and "pres" resin used as substitute of a part of the rubber (copolymer) in the SKS-30 rubber

(1) amount in g, (2) physical and mechanical characteristics, (3) SKS-30 rubber, (4) poly-thiocyanate rubber or resin, (5) Altax (used as accelerator), (6) plasticity of the mixture according to Williams, (7) tensile strength in kg/cm², (8) relative elongation in %, (9) residual elongation in %, (10) hardness according to Shore, (11) non-washed poly-thiocyanate-epoxy rubber, (12) "pres" resin, (13) 10 "pres" resin, (14) 20 "pres" resin.

Card 4/5

MENKOVSKIY, M.A.; GORDON, S.A.; NURMINSKIY, N.N.; ANTYKOV, A.P.; KIZAS,
A.Yu.; USACHEVA, N.I.

Exchange of experience. Zav.lab. 28 no.11:1321 '62.

(MIRA 15:11)

1. Moskovskiy gornyy institut (for Menkovskiy, Gordon, Murminskiy).
2. Nauchnyy institut po udobreniyam i insektofigisidam imeni
Ya.V.Samaylova (for Kizas, Usacheva).
(Chemistry, Analytical)

ANTYKOV, A.P.

Method of preparation of pure 4,4'-dichlorodiphenyldichloro-
ethane (DDD). Zhur. prikl. khim. 36 no.10:2285-2290 0 '63.
(MIRA 17:1)

ANTYKOV, A.P.

Method of preparing pure DDT (4,4'-dichlorodiphenyltrichloro-
methylethane). Zhur. prikl. khim. 37 no.11:2509-2513 N '64
(MIRA 18:1)

ANALYSIS, A.I.

Method of producing pure dichloroacetaldehyde. Chit. 1981.
Kl. 19. 37 no. 12:238. 74A 1-106. (Kl. 18-3)

TOPIC TAGS: DDT, crude DDT, dichlorodiphenyltrichloromethane, rubber, synthetic
rubber, rubber tensile strength, rubber aging resistance, rubber weather resistance

SECRET
A T T A C H M E N T

L 8137-66 EWT(m)/EWP(j) RM

ACC NR: AP5025028

SOURCE CODE: UR/0286/65/000/016/0082/0082

AUTHORS: Antykov, A. P.; Kurishko, A. M.; Kucherova, M. N.

ORG: none

TITLE: Method for obtaining technical rubbers. Class 39, No. 173939 15

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 16, 1965, 82

TOPIC TAGS: rubber, vulcanizate, vulcanizing mixture, vulcanization, resin, potassium compound

ABSTRACT: This Author Certificate presents a method for obtaining technical rubbers on the basis of natural or synthetic rubber SKS-30 by heating, rolling and vulcanizing a rubber mixture. To improve the physico-mechanical properties of the rubbers, potassium salts of chlorinated resins, derived according to Author Certificate No. 173938 are introduced into the rubber mixture. The potassium salts of the chlorinated resins are introduced to the extent of 15-30%.

SUB CODE: OC/ SUBM DATE: 24Jun63

Card 1/1

UDC: 678.046.78:546.32--38 678.762.2--134.622 673.4

ANTYKOV, A.P.

Method for preparing stable pastes of vat and other dyes. Zhur.prikl.
khim. 34 no.10:2316-2320 0 '61. (MIRA 14:11)
(Dyes and dyeing)

ANTYKOV, H. J.
GA

15

Effect of fertilization on the quality of sugar beets, potatoes and spring wheat. A. Ya. Antykov. *Chemical Newsletters* Apr. 60, 5, 5, 10, 11, 12 (1960). Chern. Zvezd. 1960, 1, 170-80. With N in the form of nitrate and used in the proportion of 10 plus 10 per acre (1000 kg) and increased the sugar content of sugar beets to 17.5-17.6%. Increased quantities of N plus P, or use of ammoniac N decreased the sugar content. The starch content of potatoes was decreased by addition of mineral fertilizers in the spring. The protein content of wheat grown on chernozem soils was usually greater than that for wheat grown on podzol soils. N or complete mineral fertilization greatly influenced the protein content. H. E. Wuth

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

Antykov, A. Ya.

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6,
p 115 (USSR) 14-57-6-12547

AUTHOR: Antykov, A. Ya.

TITLE: Ways to Increase Crop Yields in Meadows of the
Bryanskaya Oblast' (Puti povysheniya urozhaynosti
lugov Bryanskoy oblasti)

PERIODICAL: Tr. Bryanskogo lesokhoz. in-ta, 1956, Vol 7, pp 133-
138

ABSTRACT: Areas under natural hay and fodder in the Bryanskaya
Oblast (19 percent of its total area) are not suf-
ficient to provide for the growing livestock industry.
The use of fertilizers is the best way to increase the
yields. The meadows located along the rivers with
long basins are growing on poor sandy and loamy turf-
meadow soils. When their surface is covered with a
balanced mineral fertilizer, their productivity is

Card 1/2

ANTIKOV, A.Ya.

Subdividing Bryansk Province into forest and soil zones.
Pochvovedenie no.8:80-83 Ag '60. (MIRA 13:8)

1. Bryanskiy lesokhozyaystvennyy institut.
(Bryansk Province--Forest soils)

ANTYKOV, A.Ya.

Characteristics of the eroded soils of dissolved sagging karst
formations in the southwestern spurs of the Central Russian
Upland. Izv. Vses. geog. ob-va 95 no.5:450-452 S-0 '63.
(MIRA 16:12)

ANTYKOV, A.Ya.

Scientific-practical conference on the bringing under cultivation of
salinized soils. Pochvovedenie no.9:114-115 S '64.

(MIRA 17:12)

ANIYKOV, A.Ya., dots.; STAMOREV, A.Ya., st. preloz.; PLEN, V. I.,
nauchn. red.: GORA, G., red.

[Soils of Stavropol Territory] Pochvy Stavropol'skogo kraia.

Stavropol, Stavropol'skoe knizhnoe izd-vo, 1964, 201 s.

(MIRA 18:8)

1. Kafedra pochvovedeniya i agrokhimii Stavropol'skogo selskokhozyaystvennogo instituta (for Aniykov, Stamorev).

STOYCHEV, O.A. (Kishinev); ANTYKOV, S.A., nauchnyy sotrudnik; MAMLINA,
L.S., nauchnyy sotrudnik

The weevil *Tanymecus dilaticollis* Gyll. Zashch. rast. ot
vred. i bol. 8 no.3:16-19 Mr '63. (MIRA 17:1)

1. Odesskaya oblastnaya sel'skokhozyaystvennaya opytnaya
stantsiya (for Antykov, Mamlina).

ANTONYEV, A. A.

Dissertation: "A Pharmacological Investigation of the Alkaloid Lycorine." Cand
Med Sci, Second Moscow State Medical Inst imeni I. V. Stalin, 23 Jun 54.
(Vechernyaya Moskva, Moscow, 14 Jun 54)

SO: SUM 318, 23 Dec. 1954

ACCESSION NR: AP4026845

S/0102/64/000/002/0071/0075

AUTHOR: Anty*penko, V. I. (Antipenko, V. I.) (Kiev)

TITLE: New method of denoting Lyapunov functions

SOURCE: Avtomaty*ka, no. 2, 1964, 71-75

TOPIC TAGS: Lyapunov function, generalized Lyapunov function, automatic control, nonlinear automatic control

ABSTRACT: A new method of denoting the Lyapunov functions of a more general form necessary for investigating the stability of nonlinear automatic-control systems is offered. No limitation is imposed on the form of the Lyapunov function, and the latter can be found objectively as a result of solving a set of differential equations. An algorithm is also proposed for setting up such differential equations. Orig. art. has: 15 formulas.

ASSOCIATION: none

SUBMITTED: 11Oct63

DATE ACQ: 17Apr64

ENCL: 00

SUB CODE: IE, MA

NO REF SOV: 006

OTHER: 000

Card 1/1

АНТИПКО, Б.Ye.

Iron ore facies in continental Tertiary sediments in Irtysh
Valley near Pavlodar. Izv. AN Kazakh. SSR. Ser. geol. no. 3:62-76
'58. (MIRA 12:1)

(Irtysh Valley--Iron ores)

SOV/20-126-3-47/69

3(5)

AUTHOR: Antypko, B. Ye.

TITLE: On the Southern Boundary of the Paleogene Sea in the South of the West Siberian Lowland (O yuzhnoy granitse paleogenovogo morya na yuge Zapadno-Sibirskoy nizmenosti)

PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 126, Nr 3, pp 626 - 629 (USSR)

ABSTRACT: The author was able to reconstruct the paleogeographic position of the coastal part of the paleogene sea by detailed lithological-stratigraphic investigations which he carried out within the Vsesoyuznyy Gidrogeologicheskiiy Trest (All-Union Hydrogeological Trust) in the area mentioned in the title. He succeeded in determining its boundaries at various points of time (Figs 1,2). On the basis of these investigations and of the study of the fauna and flora of maritime paleogene sediments in the mentioned area, it was possible to prove that the southern boundary of the paleogene sea moved southward in the course of time. Towards the end of the paleogene maritime transgression, a pulsation of the coastline occurred. At the time of maximum transgression, the sea closely approached the projection of the folded foundation

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On the Southern Boundary of the Paleogene Sea in the
South of the West Siberian Lowland

SOV/20-126-3-47/69

and overflowed the latter to a large extent. There are 3
figures and 4 Soviet references.

ASSOCIATION: Vsesoyuznyy gidrogeologicheskiy trust (All-Union Hydrogeological
Trust)

PRESENTED: November 13, 1958, by A. L. Yanshin, Academician

SUBMITTED: November 5, 1958

Card 2/2

PROPERTY NO. 1-1 OK PRODUCTION OF FERROUS SULFATE FROM SPENT ACID Andriyko and F. I. Pristavko. <i>Coke and Chem. (U.S.S.R.)</i> 1959, No. 12, 47-9; <i>Abstr. Refract. Zhur.</i> 1960, No. 8, 18-7. -- FeSO₄ is made by the action of spent H₂SO₄ on iron turnings. The wooden parts of the app. (reactors and crystallizers) should be lined and in the form of vats. Coke cannot be used for filtration. Wood wool is a satisfactory filtering material. Tech. data and the duration of the individual stages of the process are given. W. R. Henn		18
ADD. 11.4 METALLURGICAL LITERATURE CLASSIFICATION		
10000 11.4	10000 11.4	

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APPROVED FOR RELEASE: 06/19/2000

CIA-RDP86-00513R000101820006-3"

~~АНТИКО, I.O.~~

Ways of reducing the moisture in blended coal charges. Koks i khim.
no.3:13-15 '56. (MLRA 9:8)

1. Makeyevskiy koksokhimicheskiy zavod.
(Coal preparation)

AUTHOR: Antypko, I.G. and Zhdannikova, G.P. (Makeyevsk Coke Oven Works). 142

TITLE: On the temperature of gas after primary condensers. (O temperature gaza posle pervichnykh kholodil'nikov).

PERIODICAL: "Koks i Khimiya" (Coke and Chemistry), 1957, No. 2, pp. 36 - 37, (U.S.S.R.)

ABSTRACT: The influence of gas temperature after primary condensers on the loss of hydrogen sulphide in the condensate was investigated. The usual gas temperatures (summer up to 35 °C, winter not lower than 15 °C) causes some losses of H₂S in the condensate (Figs. 1, 2). The authors propose that when desulphurisation of coke oven gas is carried out (wet catalysis) to increase gas temperature after primary condensers to 45-50 °C. The editorial remark points out that since the economics of the above proposal are not discussed in the paper, readers are asked to express their opinion on the subject.

AUTHOR: Antypko, I.G.

SOV/68-59-8-20/32

TITLE: Factors Influencing Corrosion of Benzole Columns
(Faktory, vliyayushchiye na korroziyu benzol'nykh kolonn)

PERIODICAL: Koks i khimiya, 1959, Nr 8, pp 43-45 (USSR)

ABSTRACT: The distribution of corrosive components in the products of regeneration of absorption oil and the influence of regenerating conditions (temperature and duration of contact of oil with superheated steam) were investigated. The content of corrosive components: chlorides, cyanides in oils was determined in their aqueous alkali extracts and of hydrogen sulphide by blowing off with superheated steam under conditions similar to the actual regeneration conditions. The experimental results are given in tables 1-5. The experimental results obtained were confirmed by the plant data. On regeneration of oil using pipe furnace when the vapour-oil mixture is condensed after the evaporator and inert gases are thrown out into the atmosphere, over 90% of aggressive substances are

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SOV/68-59-8-20/32

Factors Influencing Corrosion of Benzole Columns

removed from the regenerated oil. When steam regeneration is used all the corrosive components removed by steam are returned into the benzole column (tables 5 and 6). It is concluded that the use of steam regeneration of absorption oil in the benzole recovery plant leads to an increase in the corrosion of benzole columns. When operating with a steam regenerator the removal of corroding substances from the oil cycle is possible only if the temperature of regeneration does not exceed 135° and the time of contact between oil and steam is small. A radical method of protecting from corrosion would be complete condensation of products of regeneration of oil into the oil cycle. It is pointed out in the editorial note that the complete condensation of the regeneration products will decrease the corrosion but will be costly as it will increase the consumption of steam for the

Card 2/3

SOV/68-59-8-20/32

Factors Influencing Corrosion of Benzole Columns

debensoilising of oil. There are 6 tables and
2 Soviet references.

**ASSOCIATION: Makeyevskiy koksokhimicheskiy zavod
(Makeyevka Coking Works)**

Card 3/3

ANTYPOROWICZ, Wlodziemierz; BOROWICZ, Jerzy; KORDYS, Jan

Keratotic planoepithelial carcinoma of a choked cyst of
the submandibular salivary gland. Otolaryng. pol. 17 no.2:
201-208 '63.

1. Ze Szpitala Kolejowego w Warszawie-Miedzylesiu Ordynator
Oddziału Laryngologicznego: dr med. W. Antyporowicz Kierownik
Zakładu Anatomii Patologicznej: dr med. J. Borowicz Kierownik
Zakładu Radiologii: dr med. J. Kordys.

(CARCINOMA, BASAL CELL)

(SALIVARY GLAND NEOPLASMS)

(SUBMANDIBULAR GLAND) (CYSTS)

BARABANOV, V., insh.; ANTYSHEV, A., insh.

Restoration of ferroaluminum bushings by plastic coating. Tekh. v
sel'khoz. 19 no. 5:31-34 My '59. (MIRA 12:7)

1. Moskovskiy institut mekhanizatsii i elektrifikatsii sel'skogo
khoz'yaystva (for Barabanov). 2. Arbashskaya remontno-tekhnicheskaya
stantsiya, Kirovskoy oblasti (for Antyshev).
(Bearings (Machinery)) (Plastic spraying)

ANIYSHV, A.Ya.

Hardening large-size circular parts without deformations. Stan. 1
instr. 29 no.2:36 P '58. (MIRA 11:3)

(Steel--Heat treatment)

ANTISHKIV, A. Ia.

Hardening check rules with high-frequency currents. Stan.1 instr.
32 no.2:27-28 F '61. (MIRA 14:2)
(Induction hardening)

ANTYSHEV, N.M.

Tractor testing methods used in Nebraska (U.S.A.). Mekh. i
elek. sots.sel.'khoz. 19 no.2: 5-7. (MIRA 14.3)
(Nebraska--Tractors--Testing)

ANTYSHEV, N. M., inzh.; POLYAKOV, O. A., inzh.

The MTZ-50 "Belarus" tractor. Mashinostroenie no. 5:90-91
S-O '62. (MIRA 16:1)

1. Kubanskiy nauchno-issledovatel'skiy institut ispytaniya
traktorov i sel'skokhozyaystvennykh mashin.

(Tractors)

ANTYSHEV, P.I.; KRIGEL', O.N.

ZPS-100 self-propelled mounted grain loader. Trakt.1 sel'khoznaash.
no.6:34-35 Je '59. (MIRA 12:9)

1. Glavnyy spetsialist Gosudarstvennogo nauchno-tekhnicheskogo komiteta SSSR (for Antyshev).
2. Glavnyy inzhener Odenskogo mekhanicheskogo zavoda (for Krigel').
(Loading and unloading) (Grain-handling machinery)

ANTYSHEV, P.I.; VASIL'YEV, V.M.; ZHARKOV, V.P.; LOZOVY, V.I.; POPOV,
M.I.; PUZANOV, V.S.; PUZYIAKOV, V.A.; SMIRNOV, N.I.; SOLODENIKOV,
V.N.; YUR'YEV, G.I.; KRYUKOV, V.L., red.; PRVZNER, V.I., tekhn.red.

[Agricultural machinery in the seven-year plan] Sel'skokhoziaistven-
naya tekhnika v semiletke. Moskva, Gos.izd-vo sel'khoz.lit-ry, 1959.
94 p.

(Agricultural machinery)

(MIRA 13:10)

PETROV, N.A., red.; PETRENKO, L.I., red.; SAVITSKIY, P.S., red.; SINITSIN, V.I., red.; KOLOTYRKHIN, Ye.M., red.; SYRKUS, N.P., red.; ROMM, R.F., red.; ANTYSHEV, P.I., red.; VARTAZAROV, S.Ye., red.; ZAITSEV, A.I., red.; ZETULINSKIY, V.M., red.; ZEDGINIDZE, G.A., red.; MARTYNKIN, F.F., red.; ROQACHEV, V.I., red.; SLATINSKIY, A.N., red.; LEVINA, Ye.S., vedushchiy red.; TITSKAYA, B.F., vedushchiy red.; PERSHINA, Ye.G., vedushchiy red.; IONEL', A.G., vedushchiy red.; ZARETSKAYA, A.I., vedushchiy red.; MUKHINA, E.A., tekhn.red.

[Transactions of the Conference on the Introduction of Radioactive Isotopes and Nuclear Radiation into the National Economy of the U.S.S.R.] Trudy Vsesoiuznogo soveshchaniia po vnedreniiu radioaktivnykh izotopov i iadernykh izlucheniil v narodnoe khoziaistvo SSSR. Pod red. N.A.Petrova, L.I.Petrenko i P.S.Savitskogo. Moskva, Gos.nauchno-tekhn.isd-vo neft. i gorno-toplivnoi lit-ry. Vol.1. [General aspects of isotope applications. Instruments with sources of radioactive radiation. Radiation chemistry. Chemical and petroleum refining industry]

(Continued on next card)

PETROV, N.A.---(continued) Card 2.

Obshchie voprosy primeneniia izotopov. Pribory s istochnikami radioaktivnykh izlucheni. Radiatsionnaia khimiia. Khimicheskaiia i neftepererabatyvaiushchaia promyshlennost'. 1961. 340 p. Vol.2. [Construction and the industry of construction materials. Light industry. Food industry and agriculture. Medicine] Stroitel'stvo i promyshlennost' stroitel'nykh materialov. Legkaia promyshlennost'. Pishchavaia promyshlennost' i sel'skoe khoziaistvo. Meditsina. 1961. 267 p.

(MIRA 14:4)

1. Vsesoyuznoye soveshchaniye po vnedreniyu radioaktivnykh izotopov i yadernykh izlucheni v narodnoye khozyaystvo SSSR. Riga, 1960.

(Radioisotopes)

(Radiation)

OREKHOV, K.A.; MAKSIMOV, G.M.; NESLUKHOVSKIY, S.K.; ROZDYALOVSKAYA,
V.V.; SMIRNOV, K.A.; VEYS, L.V.; ANTYUFYEVA, A.M.; KURGANOV,
M.A.; STEPANOVA, Ye.A.; VOSTRIKOVA, A.M.; SAKHAROVA, V.V.;
POD*YACHIKH, P.G.; OREKHOV, K.A., otv. za vypusk; CHUPROVA,
Yu.S., red.; PYATAKOVA, N.D., tekhn. red.

[Results of the 1959 All-Union population census; the Kazakh
S.S.R.] Itogi Vsesoiusnoi perepisi naselenia 1959 goda;
Kazakhskaiia SSR. Moskva, Gosstatizdat, 1962. 201 p.

(MIRA 16:4)

1. Russia (1923- U.S.S.R.)TSentral'noye statisticheskoye
upravleniye.

(Kazakhstan--Census)

PEN'KOV, V.V.; ANTYUFYEVA, Z.K.

Using stepped gauge blocks in checking readings of the MIS-11 twin
microscope. Izv.tekh. no.6:7-8 Je '61. (MIRA 14:5)
(Microscope—Testing)

ANTYUKHIN, N., gvardii mayor, voyennyi letchik, pervogo klassa

Steering and take-off. Av. 1 korm. 46 no.5:17-21 My '64.
(MIRA 17:7)

1. ANTYUEHIN, V. P.

2. USSR (600)

4. Tractors - Repairing

7. Unit method of repairing tractors. Dost. sel'khoz No. 10, 1952.

9. Monthly List of Russian Accessions , Library of Congress, February 1953, Unclassified

BABIY, Ye.; ZYUBIN, S.; ANTYUKHOV, A.; KAMCHATOV, K.; DOLGOVA, L.; KASTOR-
NOV, M., mekhanik; GOL'TSEV, M.; KUZ'MIN, I., mekhanik; PAVLOV, N.,
mashinist kombayna; SMETANKIN, P., mashinist kombayna; SAFONOV, M.,
mashinist kombayna; KOZLOV, N., brigadir gernorabochikh; BUYAK, I.,
brigadir gernorabochikh; SOLDATOV, N., brigadir gernorabochikh

Not into the records but into practice. Sov.shakht. 12 no.12:17-
18 D '63. (MIRA 17:3)

1. Shakhtoupravleniye No.3-25 tresta Donskoyugol' kombinata Tula-
ugol'. 2. Nachal'nik shakhtoupravleniya No.3-25 tresta Donskoyugol'
kombinata Tulaugol' (for Babiy). 3. Sekretar'partorganizatsii shakh-
toupravleniya No.3-25 tresta Donskoyugol' kombinata Tulaugol' (for
Zyubin). 4. Glavnyy inzh. shakhtoupravleniya No.3-25 tresta Donskoy-
ugol' kombinata Tulaugol' (for Kamchatov). 5. Sekretar' komsomol'-
skoy organizatsii shakhtoupravleniya No.3-25 tresta Donskoyugol'
kombinata Tulaugol' (for Dolgova).

ANTYUKHOV, V., inzh.

Frontiers of foresighted people. Mor. flot. 25 no. 12:9
D '65. (MIRA 18:12)

1. Otdel truda i zarabotnoy platy Sakhalinskogo upravleniya
morskogo flota.

ANTYUNKIN, A.O.

One million kilometers without shop repair. Elek. i tepl.
tiaga no.2:27-29 F '57.

(MLRA 10:5)

1. Starshiy mashinist teplovoznogo depo Krasnovodsk Ashkhabadskoy
dorogi.

(Diesel locomotives)

ANTYUKOV, Boris Yskovlevich; POLTORATSKAYA, E., red.; NARINSKAYA, A.,
Knizh. tekhn. red.

[Steel construction units] Stel'nye konstruktsii. Kiev, Gos.
isd-vo lit-ry po stroit. i arkhitekt. USSR, 1960. 233 p.
(MIRA 14:4)

(Steel, Structural)

ANUCHIN, A.V., prof.

Struggle for longevity. Priroda 46 no.8:127-128 Ag '57. (MLRA 10:9)

1. Meditsinskiy institut, g. Stalino.
(Longevity)

. ANIYUKOV, M.A., assistant; IEDP 47. 7. 4. 1. post., medical and biology

Toxic effect of fungi of the genus *Aspergillus* on the function of
the stomach in swine. Veterinariya no. 3 1975, no. 1/5.

(MIRA 18:14)

1. Vitebskiy veterinary institute.

AMUCHIN, M. A.

USSR/ Engineering - Steel resistance

Card 1/1 : Pub. 126 - 20/31

Authors : Amuchin, M. A., and Volkov, Yu. A.

Title : The influence of casehardening by heating with HF current on steel resistance to withstand impact

Periodical : Vest. mash. 10, 83 - 84, Oct 54

Abstract : The editorial gives some information on tests conducted to determine the resistance to impact of casehardened prismatic components made of steels, Mark 40, 40Kh, and 30KhN4A. Three USSR references (1940 - 1952). Graphs; diagram.

Institution :

Submitted :

USSR/Engineering—Surface hardening

Card 1/1 : Pub. 128—16/33

Authors : Anuchin, M. A., Cand. Tech. Sci.; and Bolkov, Yu. A., Cand. Tech. Sci.

Title : Effect of surface hardening with shot on the limited endurance of specimens subjected to repeated blows

Periodical : Vest. mash. 34/8, 55-58, Aug 1954

Abstract : An account is given of experiments in applying a stream of cast-iron pellets in order to temper or improve the surface of metal objects. An analysis is made of the results and the conclusion is drawn that, with a proper selection of objectives, the shot-stream method proves to be an effective technological method of increasing the life of certain parts. Two Russian references: (1938 and 1947). Tables; graphs.

Institution :

Submitted :

ANUCHIN, M.A., doktor tekhnicheskikh nauk, professor; VOLKOV, Yu.A.,
kandidat tekhnicheskikh nauk.

Surface hardened parts subjected to a limited number of repeated
impacts. Trudy MVTU no.66:12-34 '55. (MLRA 9:8)
(Metals--Hardening) (Shot peening)

L 16582-63

ENP(k)/ENP(q)/ENT(m)/BDS AFFTC/ASD Pf-4 JD/1W
S/115/62/000/012/010/011

64
63

AUTHOR: ~~Anuchin, M. A.~~ Candidate of Technical Sciences, Orlenko, L. P.
~~Candidate of Technical Sciences, Antonenkov, O. D.~~, Engineer,
and Dubinin, V. V., Engineer

TITLE: Approximate method of evaluation of energy of forming thin
walled parts 16

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy. Mashinostroyeniya,
no. 12, 1962, 158-167

TEXT: The author presents an approximate method for evaluation of energy for stamp forming with explosives of thin walled axially symmetrical parts. These calculations have been corroborated on a special installation for hydraulic stamping. The energy of stamp forming is a sum of deformation work of tension-compression, bending and friction. The major part of deformation energy is required for tension-compression (about 80% of the total sum of the effort). The author gives a mathematical analysis of deformations and their intensity. The energy required for obtaining parts of the required form is the determining factor serving for the estimation of the weight of the charge, the

Card 1/2

L 16582-63

S/145/62/000/012/010/011

Approximate method of evaluation...

basic technological parameter. The results of some tests and theoretical evaluations are shown in a table. In the case of dynamic charges dynamic diagrams must be known. This is required to make possible the evaluation of forming energy when calculating the weight of the charge. Four Soviet references. There are 8 formulas, 8 figures, and 2 tables.

ASSOCIATION: MVTU im. N. E. Bauman (Moscow High Engineering School im. N. E. Bauman)

SUBMITTED: 00

Card 2/2

AMUCHIN, M.A., kand.tekhn.nauk, dotsent; ANTONENKOV, O.D., kand.tekhn.nauk;
POPKOV, G.I., inzh.; DUBININ, V.V., inzh.; NOSIKOV, S.M., inzh.

Movement of billets in free explosion forging. Izv.vys.ucheb.zav.;
mashinostr. no.6:155-161 '63. (MIRA 16:10)

1. Moskovskoye vyssheye tekhnicheskoye uchilishche imeni Baumana.

ACCESSION NR: AP4030380

S/0145/64/000/002/0156/0159

AUTHORS: Anuchin, M. A. (Candidate of technical sciences, Docent); Antonenkov, O. D. (Candidate of technical sciences); Nosikov, S. M. (Engineer); Dubinin, V. (Engineer)

TITLE: On the problem of determining embossing energy of work piece with die without molding

SOURCE: IVUZ. Mashinostroyeniye, no. 2, 1964, 156-159

TOPIC TAGS: die, embossing energy, paraboloid of revolution, ellipsoid of revolution, spherical segment, deformed metal, symmetric shape

ABSTRACT: Simplified expressions were derived for the dimensionless embossing energy of a piece having the shape of a paraboloid of revolution, an ellipsoid of revolution, or a spherical segment. The generalized energy is given by

$$E = \int \Lambda(\epsilon_i) dv,$$

where $\Lambda(\epsilon_i)$ - specific deformation work, V - volume of deformed metal. For a symmetric shape ϵ_i is represented by

$$\epsilon_i = \frac{1}{\sqrt{3}} \ln \frac{r^2}{\eta} d\eta,$$

Cord 1/2

ACCESSION NR: AP4030380

where

$$\xi = \frac{r}{r_0},$$

$$\eta = \int_0^r \sqrt{1 + \left(\frac{dy}{dr}\right)^2} \frac{dr^2}{r_0^2} = \int_0^\xi \sqrt{1 + \left(\frac{dy}{d\xi}\right)^2} d\xi^2.$$

Substituting these into the first equation and introducing the dimensionless form of the energy E' $E = B\pi r_0^2 \delta E'$, yields

$$E' = \int_0^1 \frac{1}{\sqrt{3}} \ln \frac{\xi^2}{\eta} b \eta.$$

For the three different shapes mentioned above this equation is integrated numerically on the Ural-2 computer, and the results are displayed graphically. Orig. art. has: 14 formulas and 2 tables.

ASSOCIATION: MVTU im. N. E. Bauman (MVTU)

SUBMITTED: 22Jul63

ENGL: 00

SUB CODE: MM.

NO REF SOV: 001

OTHER: 000

Card 2/2

L 28446-66 EWT(m)/EWP(t)/ETI/EWP(k) IJP(c) JD/HW

ACC NR: AP6016580 (A)

SOURCE CODE: UR/0182/66/000/005/0026/0027

AUTHOR: Antonenkov, O. D.; Anuchin, M. A.; Kulagin, A. F.; Nosikov, S. M.

ORG: none

TITLE: Coefficient of reduction in explosive forming

SOURCE: Kusnechno-shtampovochnoye proizvodstvo, no. 5, 1966, 26-27

TOPIC TAGS: explosive forming, steel sheet, sheet forming, steel formability

ABSTRACT: Experiments have been conducted to determine the relationship between reductions in explosive forming and the weight of the explosive charge. Steel specimens 70—300 mm in diameter were tested in two explosive forming units of different design (one with a soft and another with a rigid water container) with explosive charges of varying weight suspended at a certain constant height above the tested material. The results of experiments with St3 and 2K13 steels are shown in Fig. 1, in which the horizontal axis represents reductions (the ratios of cup diameter to blank diameter) and the vertical axis represents the specific charge weights ($g/d^2\delta$, where g is the charge weight in g, d is the die diameter in mm, and δ is the sheet thickness in mm). Region I represents the conditions under which the desired reduction cannot be obtained in a single operation; region II, the con-

Cord 1/2

UDC: 621.98.044

E 28446-66

ACC NR: AP6016580

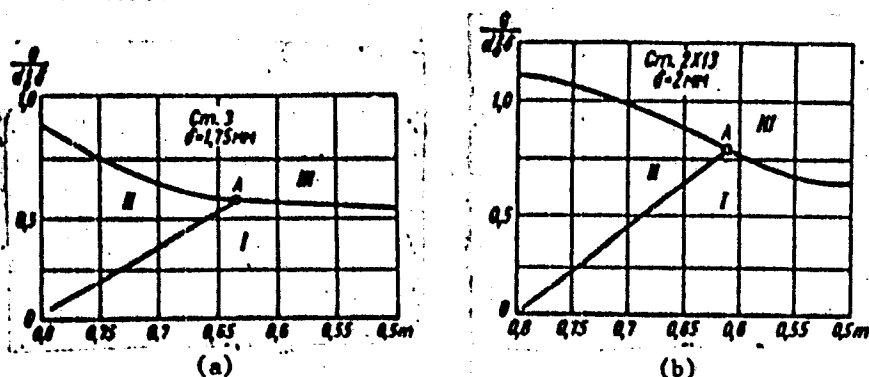


Fig. 1. Dependence of the reduction coefficient upon the explosive charge weight.

a) St3 steel; b) 2Kh13 steel.

ditions under which full reductions are obtained without material failure; and region III, the conditions under which the material fails. Point A represents optimal conditions under which maximum reduction (0.63—0.67) can be obtained in a single operation. Orig. art. has: 4 figures. [ND]

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 002/ ATD PRESS: 5006

Cord 2/2 2C

MARKOVA, I.K. [translator]; ANUCHKIN, M.I., kand. tekhn. nauk, red.;
KAVKOVA, V., red.

[Pipes for the construction of main oil and gas pipelines
in the United States] Truby dlia stroitel'stva magistral'-
nykh gazo- i nefteprovodov v SShA. Moskva, 1963. 93 p.
(MIRA 17:9)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy proizvodstvennyy
komitet po gazovoy promyshlennosti. 2. Vsesoyuznyy nauchno-
issledovatel'skiy institut tverdykh splavov (for Markova).

ANUCHIN, N. P. Prof. Dr. Agric. Sci.

"Mechanization of Logging Work and Felling Methods in Forests of
Industrial Importance," Les. Form., No.1, 1950

Moscow Forestry Inst. of Engineering

1.10.11, 1.1.1.

Forest Ecology

Steppe forest planting needs no pseudoscientific theory about the elements.
Les. i step' 1, no. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, 1952 ~~1953~~ Uncl.

1. ANUCHIN, N. P. Prof.
2. USSR (600)
4. Botany - Ecology
7. Soviet science of forestry needs no pseudoscientifi theory of biogeocenosis that is detached from reality. Agrobiologia no. 5, 1952
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

ANUCHIN, N.P., professor, doktor sel'skokhozyaystvennykh nauk; SEMYACHKIN,
V.S., redaktor; KOLESNIKOVA, A.P., tekhnicheskiy redaktor

[Tables of log measurements (volumetric)] Tablitsy ob'emy khlystov.
Moskva, Goslesbumizdat, 1953. 118 p. [Microfilm] (MLRA 7:10)

1. Russia (1923- U.S.S.R.) Ministerstvo lesnoy i bumazhnoy pro-
myshlennosti
(Lumber--Measurement)

SAMOYLOVICH, G.G.; ANUCHIN, N.P., professor, doktor sel'skokhozyaystvennykh nauk, rezensent; BOKON-TRUYEVICH, M.D., doktor tekhnicheskikh nauk, rezensent; KELL', N.G., redaktor; RATTIN, A.A., redaktor; VOLKHOVER, R.S., tekhnicheskiy redaktor

[The use of aviation and aerial photography in forestry; forestry aviation and aerial photography] Primenenie aviatsii i aerofotos'emki v lesnom khoziaistve; lesnaia aviatsiia i aerofotos'emka. Moskva, Goslesbumizdat, 1953. 476 p. (MLBA 9:11)
(Aeronautics in forestry)

AMUNIL, V. P., Prof.

Forest Geology

Still more about Micaceous. L. M. M. 6, N. 1, 1951.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

The Committee on Science and Inventions (of the Council of Ministers USSR) in the fields of science and inventions announces that the following scientific works, popular scientific books, and textbooks have been submitted for competition for Stalin Prizes for the years 1952 and 1953. (Sovetskaya Kultura, Moscow, No. 22-40, 20 Feb - 3 Apr 1954)

<u>Name</u>	<u>Title of Work</u>	<u>Nominated by</u>
Anuchin, H. .	Industrial Evaluation of "Lumber" "Forest valuation" (textbook)	Moscow Forestry Engineering Institute

80: W-30604, 7 July 1954

ANUCHIN, N.P.

[Determining the average volume of tree-length logs at felling sites]
Opredelenie srednego ob'ema khlysta na lesosekakh. Izd.2. Moskva,
Goslesbumizdat, 1956. 105 p. (MLRA 10:9)
(Lumber trade--Tables and ready-reckoners)

▲IRUCHIN, Nikolay Pavlovich, prof.; PIKALKIN, V.M., red.; PARSADANOVA, K.G.,
red.isd-va; TITOVA, L.L., tekhn.red.

[Industrial forest valuation and principles of forestry]
Promyshlennaya tsenatsiya lesa i osnovy lesnogo khoziaistva.
Moskva, Izd-vo "Sovetskaya nauka," 1957. 260 p. (MIRA 11:6)
(Forests and forestry)

CHIKILEVSKIY, Nikolay Nikolayevich, prof.; TIKHOMIROV, B.N., dotsent, kand. sel'skokhozyaystvennykh nauk, retsenzent; SHANIN, S.S., dots. kand. sel'skokhozyaystvennykh nauk, retsenzent; ZAKHAROV, V.K., prof.; retsenzent; VZyatyshev, F.V., inzh., retsenzent; ANUCHIN, N.P., prof., red.; KHLATIN, S.A., red.; ARNOL'DOVA, K.S., red.isd-va. BACHURINA, A.M., tekhn.red.

[Forest management] Lesoustroistvo. Moskva, Gosleshizdat, 1957. 331 p. (MIRA 11:7)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk (for Anuchin). 2. Kafedra takestsi i lesoustroystva Sibirskogo lesotekhnicheskogo instituta (for Tikhomirov, Shanin). 3. Otdel lesoustroystva Vsesoyuznogo ob'yedineniya Lesproekt (for Vzyatyshev). 4. Belorusskiy lesotekhnicheskiy institut (for Zakharov) (Forest management)

KURABADZE, Grigan Zosimovich; ANUCHIN, N.P., doktor sel'skokhozyaystvennykh nauk, professor, redaktor; POPRYADUKHIN, K.A., tekhnicheskiy redaktor.

[Handbook for measuring lumber] Spravochnik po taksatsii lesnoi produktsii [Tbilisi] Izd-vo GSENI 1957. 415 p. (MLBA 10:6)

1. Chlen-korrespondent Vsesoyuznoy Akademii sel'skokhozyaystvennykh nauk im. Lenina (for Anuchin).
(Lumber trade--Tables and ready reckoners)

COUNTRY : USSR
 FORESTRY : Forestry. Forest Management. K
 JOUR. : Izvestiya, No. 3 1959, No. 10787
 R : Anuchin, N. P.
 : A New Method of Timber Cruising.
 PUB. : Neuchn. dokl. vyssh. shkoly. Leningrad. delo, 1958, No. 1, 6-12.
 ABSTRACT : Round test plots of 5 meters in radius are laid out with the aid of a special cruiser's stick. The number of stems is counted on them and the average diameter of the trunks is determined. The average height of the plantations is also determined. On the basis of these data and by using the nomogram shown, there are determined the total areas of the cross-section, the volume, the reserves and the composition of the plantations. The method of calculation according to the nomogram is described. — V.V. Antanaitis
 CARD: 1/1

USSR / Forestry. Forest Economy. K

Abs Jour : Ref Zhur - Biologiya, No 22, 1958, No. 100158
 Author : Anuchin, N. P.
 Inst : Not given
 Title : Establishing the Most Favorable Ages for the Felling of Trees
 Orig Pub : Vestn. s.-kh. nauki, 1958, No 1, 119-127
 Abstract : On the basis of theoretical data depending upon age and maturity of the forest and upon the quality index, the most favorable ages for the felling of trees are established in large economic regions. Those with not more than 20% of their area in forests are in the first category of exploitation, those with 21-40% are in the second, and those with over 40% in forests belong to the third category. Economies, in which 61% or more of the wooded area is under plantation of the first three-growth

AUTHOR: None Given

SOV-118-53-7-7/20

TITLE: A Scientific-Technical Conference on Questions Regarding the Mechanization of the Lumber Industry (Nauchno-tekhnicheskaya konferentsiya po voprosam mekhanizatsii v lesnoy promyshlennosti)

PERIODICAL: Mekhanizatsiya trudovémkikh i tyazhélykh rabot, 1958, Nr 7, p 19, (USSR)

ABSTRACT: In May 1958, the Moskovskiy lesotekhnicheskii institut (the Moscow Institute of Forest Engineering) called a scientific conference. Attending were approximately 300 persons, among them representatives from the Gor'kovskiy (Gor'kiy), Kalininskii (Kalinin), Kirovskiy (Kirov), Komi, Permskiy (Perm'), Tyumenskii (Tyumen') and Moskovskiy (Moscow) sovnarkhozes. Also attending were delegates from big lumber enterprises, lumber mills, furniture factories; the Gosudarstvennyi nauchno-tekhnicheskii komitet Soveta Ministrov SSSR (State Scientific Technical Committee of the USSR Council of Ministers), the USSR Gosplan, the TsNIIIE, the TsNIIKOD, the Giprolasprom and from other organizations. The Member-Correspondent of the VASKhNIL, N.P. Anushin reported on the future development of the Soviet lumber industry (1959 to 1965). The Chief Engineer of the Krestetskiy-lesopromkhoz TsNIIIE (the Krestetsky Lespromkhoz) reported on a semi-automatic conveyor line introduced at

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the Krestsy lespromkhoz. The Candidate of Technical Sciences, B.A. Tauber delivered a report on the mechanization of lumber loading and stacking operations. The following reports were also heard: Dotsent N.I. Suboch - "The Present State and Development Methods of Traction Machinery in Lumber Transportation"; Dotsent M.I. Saltykov - "The All-Round Utilization of Raw Material and the Organization of Lumber Industry on the Principle of Continuous Forest Use"; Candidate of Technical Sciences, G.A. Vil'ke - "The Vibration of Gasoline Motor Saws"; scientific worker, V.V. Kharitonov - "Choosing a Method of Bark Stripping"; Dotsent M.I. Kishinskiy - "The Transportation of Lumber by Motor Transport in Winter"; Professor M.I. Zaychik - "The Exploitation of Diesel Engines at Shops"; Professor N.N. Chulitskiy - "Investigations on New Technological Equipment for Production Line and Automated Furniture Production"; Head of the Tekhnologicheskii otdel proyektного instituta Nr 2 (Technological Division of the Nr 2 Design - Institute), V.A.

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Tselebrovskiy - "Mechanization and Automation of Production Pro-
cesses at the Raw Material Exchange Center of the Omutninsk
House Construction Combine".

1. Lumber industry--USSR

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ANUCHIN, H.P.

Evaluating forests by mensuration. Dokl. Akad. sel'khoz. 21
[i.e.23] no.12:3-8 '58. (MIRA 12:1)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh
nauk im. V.I. Lenina.
(Forests and forestry--Mensuration)

LYSENKO, V., akademik; ANUCHIN, N., professor

A great scientist and pedagogue. Agrobiologiya no.2:280-281
Mr-Apr '59, (MIRA 12:6)
(Mitingen, Grigori Romanovich, 1889-1959)

AMUCHIN, N.P., prof.

Darwinian ideas in forestry. Agrobiologiya no.5:771-773
S-O '59. (MIRA 13:2)

1. Chlen-korrespondent Vsesoyuz'noy akademii sel'skokhoz.nauk
in.V.I.Lenina.
(Origin of species) (Forestry research)

ANUCHIN, N.P.

New method of determining the current increment of forest plantations.
Dokl. Akad. sel'khoz. 24 no.11:24-30 '59 (MIRA 13:3)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh
nauk imeni Lenina. Moskovskiy lesotekhnicheskiy institut.
(Forests and forestry--Valuation)

ANUCHIN, Nikolay Pavlovich

"Determination of the Current Accretion of Plantations by the Lateral Surface of Trees"

report to be submitted for the Fifth World Forestry Congress, Seattle, Washington, 29-10 Sep 60

Corres Mbr., AU Acad. Agricultural Sci. im. V. I. Lenin,
Dep. Dir., Moscow Forestry Engineering Inst.

ANUCHIN, Nikolay Pavlovich, prof.; GROSHEV, B.I., red.; GOROKHOV, M.G.,
red.isd-va; PARAKHINA, N.L., tekhn.red.

[Optimal felling age for trees in the European U.S.S.R.] Opti-
mal'nye vozrasty rubki dlia lesov evropeiskoi chasti SSSR. Moskva,
Goslesbumizdat, 1960. 131 p. (MIRA 13:6)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh
nauk imeni V.I.Lenina (VASKENIL) (for Anuchin).
(Tree felling)

ANUCHIN, Nikolay Pavlovich, prof.; LEVIN, V.I., retsentsent; KONDRAT'YEV,
P.S., red.; FOKS, Is.A., red.isd-va; KUZNETSOVA, A.I., tekhn.red.

[Forest valuation] Lesnaia taktsatsia. Izd.2., ispr. i dop.
Moskva, Goslesbumisdat, 1960. 529 p. (MIRA 14:4)

1. Zaveduyushchiy kafedroy taktsatsii lesa Arkhangel'skogo lesno-
tekhnicheskogo instituta (for Levin).
(Forests and forestry--Valuation)